



NATIONAL COUNCIL
ON ELECTRICITY POLICY

**Welcome! The NCEP
Member Update will start
shortly.**

While you wait...

***Register for the 2023 NCEP Annual Meeting:
Affordability in the Electricity System Transition***

September 27-28, 2023

Indianapolis, IN

*Register via the QR code:
Hotel block closes Sept 6!*





NATIONAL COUNCIL
ON ELECTRICITY POLICY

NCEP Member Update

Current and Upcoming
Activities, Resources, and
Priorities

August 30, 2023



Welcome

- This webinar is being recorded. The presentation and recording will be posted at www.naruc.org/ncep/.
- Type questions in the Q&A box. Unanswered questions will be sent to speakers for follow up.
- Join the NCEP listserv to be notified of future events by selecting NCEP as an interest area in your MYNARUC account at www.naruc.org/mynaruc/.

Agenda

Welcome and NCEP	Sarah Fitzpatrick , NCEP/NARUC
National Conference of State Legislatures (NCSL)	Dan Shea , Program Principal
National Association of Clean Air Agencies (NACAA)	Miles Keogh , Executive Director
National Governors Association (NGA)	Dan Lauf , Energy Program Director
National Association of State Energy Officials (NASEO)	Catherine Reed , Senior Program Director, Electricity
National Association of State Utility Consumer Advocates (NASUCA)	David Springe , Executive Director
National Association of Regulatory Utility Commissioners (NARUC)	Jeff Loiter , Technical Director



National Council on Electricity Policy

Sarah Fitzpatrick

Technical and Policy Advisor

NARUC Center for Partnerships and Innovation

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The National Council on Electricity Policy (NCEP)

Unique forum for state electricity decision-makers throughout the country to examine the ways new technologies, policies, regulations, and markets impact their state and the grid.

NCEP thanks the U.S. Department of Energy for its ongoing support. NCEP is an initiative supported by NARUC.

www.naruc.org/ncep/





NCEP Executive Committee

Hon. **ToNola Brown-Bland**, *North Carolina Utility Commission – NCEP President*

Hon. **Marissa Paslick Gillett**, *Connecticut Public Utility Regulatory Authority – NCEP Vice President*

Hon. **Dave Danner**, *Washington Utility and Transportation Commission*

Mike Dowd, *Virginia Department of Environmental Quality*

Jennifer Easler, *Iowa Consumer Advocate*

Hon. **John Espindola**, *Regulatory Commission of Alaska*

Hon. **Sarah Freeman**, *Indiana Regulatory Utility Commission*

Senator **Eric Koch**, *Indiana State Senate*

Hon. **Mary Throne**, *Wyoming Public Service Commission*

Upcoming Events



NATIONAL COUNCIL
ON ELECTRICITY POLICY



NCEP 2023 Annual Meeting

AGENDA

- Tuesday, 9/26: EV Site Visit
- Wednesday, 9/27: EV Infrastructure Workshop
- Wednesday - Thursday, 9/27 - 9/28: NCEP Meeting on Affordability

[Register Now](#)



September
26 - 28, 2023



Embassy Suites by Hilton
Indianapolis Downtown

****Note: Hotel room block closes Sept. 6, registration is open to the public****



Resources

Mini-Guide Series


- [PUCs and the Investment Community](#): Opportunities for Engagement (2023)
- [Transportation Electrification](#): State-Level Roles and Collaboration among Public Utility Commissions, State Energy Offices, and Departments of Transportation (2022)
- [Transmission Siting](#): State Agency Decision-Making (2022)
- Engagement between States and [Regional Transmission Organizations](#) (2022)
- Engagement between Public Utility Commissioners (PUCs) and [State Consumer Advocates](#) (2021)
- Engagement between PUCs and [State Energy Officials](#) (2020)
- Engagement between PUCs and [State Legislatures](#) (2019)
- State Agency Coordination During [Energy-Related Emergencies](#) (2019)
- [Local Government Engagement](#) with PUCs (2019)

Mini-Guides in Development

- Engagement between Air and Environmental Regulators and PUCs and SEOs
- Higher Education Partnerships with State Electricity Decision-Makers

Transmission and Distribution Resources

- [T&D Resource Catalog](#) – over 200 public resources and examples (case studies) of planning, operations, and markets at the T&D intersection.



National Conference of State Legislatures (NCSL)

Dan Shea

Program Principal

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www.ncsl.org/



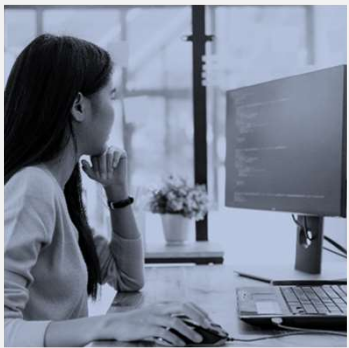
Energy Program NCEP Update

Dan Shea

Program Principal – Energy

August 30, 2023

How NCSL Strengthens Legislatures



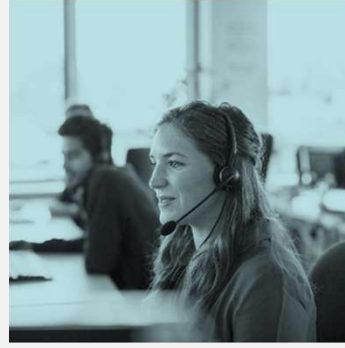
Policy Research

NCSL provides trusted, nonpartisan policy research and analysis



Connections

NCSL links legislators and staff with each other and with experts



Training

NCSL delivers training tailored specifically for legislators and staff



State Voice in D.C.

NCSL represents and advocates on behalf of states on Capitol Hill



Meetings

NCSL meetings facilitate information exchange and policy discussions

Recent Events



NCSL Nuclear Legislative Working Group

Mission

The mission of NCSL's Nuclear Legislative Working Group (NLWG) is to provide legislative members with the opportunity to learn about the cleanup of federal nuclear weapons production and research facilities, the transportation and storage of radioactive wastes, and nuclear energy issues that affect our nation and states. The Working Group helps guide NCSL policies that serve as the basis for NCSL's advocacy before the federal government on behalf of state legislatures. The NLWG is made up of legislators from select states that are appointed by state legislative leadership. The Working Group is supported by funding from the U.S. Department of Energy's Office of Environmental Management and Office of Nuclear Energy.

Officers

Co-Chair: Senator Mattie Hunter, Illinois

Co-Chair: Representative John Ragan, Tennessee

Members

- Representative Mark Finchem, Arizona
- Representative Gall Griffin, Arizona
- Senator Frank Pratt, Arizona
- Representative Rick Beck, Arkansas
- Representative Joe Cloud, Arkansas
- Representative Aaron Pilkington, Arkansas
- Senator Toni Atkins, California
- Senator John Laird, California
- Senator Bob Smith, New Jersey
- Representative Eliseo Alcon, New Mexico
- Representative Cathryn N. Brown, New Mexico
- Representative Christine Chandler, New Mexico
- Representative David Gallegos, New Mexico
- Senator Leo Jaramillo, New Mexico
- Representative Matthew McQueen, New Mexico
- Representative Andrea Romero, New Mexico

Nuclear Legislative Working Group
June 27-29, Idaho Falls

The Legislative Energy Horizon Institute | LEHI



Legislative Energy Horizon Institute

The Legislative Energy Horizon Institute is the preeminent policy program designed to educate state legislators and policymakers about the North American energy infrastructure and delivery system. Since its inception in 2009, LEHI's comprehensive curriculum has helped policymakers understand how energy systems and infrastructure work, how energy infrastructure is built and financed and how emerging regulatory and market factors impact energy infrastructure.

Legislator Application to Join the 2022 LEHI Cohort

[Apply Here](#)

Legislative Energy Horizon Institute
July 7-11, Richland, WA
Oct. 11- 14, Washington, DC



Energy Staff Network
August 14, Indianapolis

Task Force on Energy Supply



Mission

The NCSL Task Force on Energy Supply brings together legislators to examine critical energy issues that policymakers face as they shape energy policies to build a reliable, affordable and resilient national energy system. The Task Force, created in 2009, consists of legislators and legislative staff with experience and an interest in developing and analyzing state energy policy.

Ensuring a long-term, affordable and stable energy supply has been a top concern of state policymakers.

As state decision-makers create and shape energy policy, they are confronting the challenge of utilizing the growing wealth of North American energy resources and incorporating new energy technologies in a way that energizes the economy while addressing environmental concerns.

The task force also provides NCSL with guidance as it develops energy policy resources for legislators and legislative staff.

NCSL Task Force On Energy Supply

Co-Chair: Senator Eric Koch, Indiana
Co-Chair: Senator David Koehler, Illinois

NCSL Contacts: Aaron Ray (Denver)

Task Force on Energy Supply
August 17-18, Indianapolis

NCSL Energy Resources

Reports

- [Annual Legislative Energy Trends Report](#)
- [Nuclear Power and the Clean Energy Transition](#)
- [Performance-Based Regulation](#)
- [Human-Driven Physical Threats to Energy Infrastructure](#)
- [New Support for Energy Projects and Transition to Low-Carbon Power](#)
- [Energy Security Legislative Review](#)
 - [Cybersecurity & Physical Security](#)
 - [Disaster Planning & Ensuring Reliable Service](#)
 - [Emergency Response Restoration & Recovery](#)
- [Electricity Markets: A Primer for State Legislators](#)
- [FEMA Funding for Energy Resilience](#)

Popular Web Resources

- [Renewable Portfolio Standards & Goals](#)
- [State Policies Promoting Hybrid and Electric Vehicles](#)
- [Greenhouse Gas Emissions Reduction Targets](#)
- [Building Efficiency](#)
- [Energy State Bill Tracking Database](#)

Webinars & Videos

- [NRI Webinar Series](#)
 - Energy Storage as Resilience
 - Grid Resilience Planning Under the Bipartisan Infrastructure Law
 - Integrated Utility System Planning
- [Video Resource Center](#)

NCSL Base Camp 2023



Nov. 8-9, 2023

NCSL Forecast '24 - Austin



NCSLFORECAST'24 PREPARING FOR LEGISLATIVE SESSIONS

Dec. 4-6, 2023

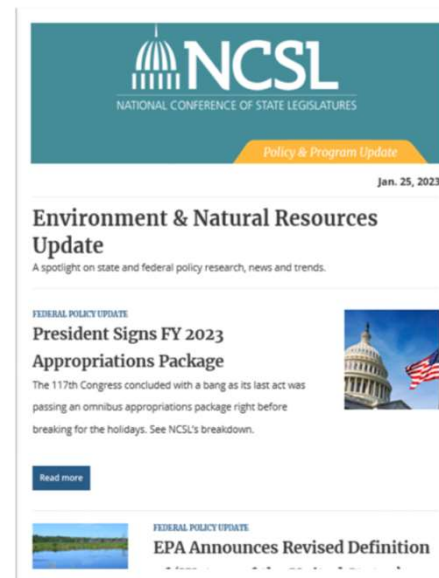
NCSL Newsletters



News Reactor: Nuclear Update



Plugged In: Energy Update



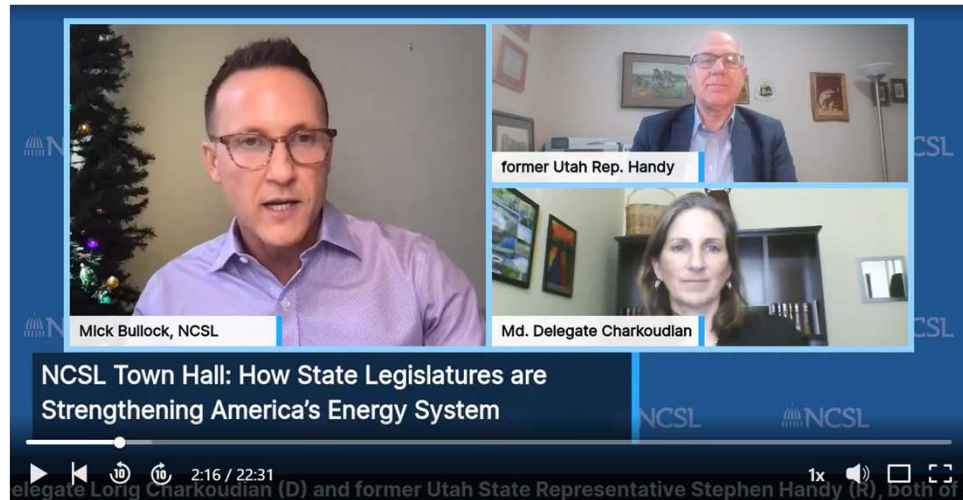
Environment & Natural Resources Update



Capitol to Capitol

[Subscribe to NCSL newsletters here!](#)

Podcasts & Other Media



[BACK TO EPISODES](#)



How Two New Federal Laws
Will Change the Energy
System | OAS Episode 174

NOVEMBER 6TH, 2022 | 44:25 | E174





Energy Program NCEP Update

Thank you!

For more information visit:

<https://www.ncsl.org/energy>



National Association of Clean Air Agencies (NACAA)

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National Governors Association (NGA)

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NGA Energy Program: Summer 2023 Update

August 30, 2023

Dan Lauf, Program Director, Energy
NGA Center for Best Practices

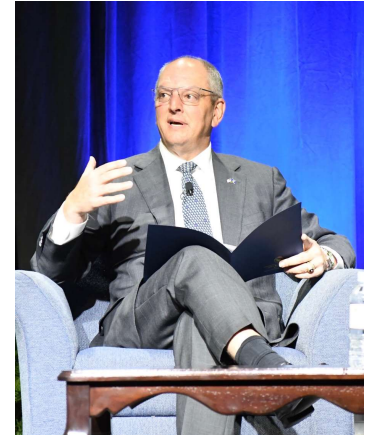


NGA Center for Best Practices

The NGA Center develops solutions to today's most pressing public policy challenges. The Center is the only research and development firm directly serving the nation's Governors.

Program areas:

- Children and Families
- Cybersecurity
- Energy
- Environment
- Healthcare Delivery
- Homeland Security
- Infrastructure
- K-12 Education
- Land Management, Agriculture, and Wildlife
- Postsecondary Education
- Public Health
- Public Safety and Legal Counsel
- Workforce Development and Economic Policy



Energy Policy Learning Network

Monthly Calls with Governors' Energy Advisors

Next Call September 5th

Weekly E-mailed Briefs Compiling Federal Updates and Upcoming Events

Briefings/Webinars on Timely Energy Topics

On-demand Technical Assistance for States

Recent Examples include:

- Energy facility siting and permitting
- Statewide energy planning
- Summary of state green/infrastructure banks



Timely Resources



NATIONAL
GOVERNORS
ASSOCIATION

Green Banks: An Overview for Governors

State green banks are often administered by public, quasi-public, or 501(c)3 nonprofit entities that use public funds to facilitate and incentivize private capital investment in clean energy projects. Since the establishment of the Connecticut Green Bank in 2011, more than ten states have established similar institutions, though the products each green bank offers vary.

As Governors plan to meet their decarbonization, grid resilience and energy affordability policy objectives—and as they implement programs and funding established in the federal *Infrastructure Investment and Jobs Act* and the *Inflation Reduction Act*—innovative financing approaches like state green banks can be leveraged to accelerate investments in energy and infrastructure projects.

Governor-Led Actions to Establish or Support State Green Banks

- Issue an Executive Order or Action: Governors can establish green banks through executive order or can allocate funding to green banks in executive budget recommendations.
- Convene a working group or study on the benefits of establishing a state green bank.
- Leverage gubernatorial influence to champion green banks and convene parties to plan their implementation.
- Expand an existing state entity to house a green financing authority or grant a state agency enhanced financing capabilities through executive action or legislation.
- Support legislation establishing a green bank; Governors can publicly support or endorse legislation that would create and/or fund a state green bank.
- Appoint green bank leadership: in certain states, the Governor has the authority to appoint green bank leadership, which can provide an opportunity for Governors' offices to implement policy goals.

Green Banks: An Overview for Governors

Report available at: <https://www.nga.org/publications/green-banks-an-overview-for-governors/>



PRIORITIZING RESILIENCE



Best Practices on Energy Resilience for Healthcare Facilities

May 2023

Prioritizing Resilience: Best Practices on Energy Resilience for Healthcare Facilities

Prioritizing Resilience: Best Practices on Energy Resilience for Healthcare Facilities

Report available at: <https://www.nga.org/publications/prioritizing-resilience-best-practices-on-energy-resilience-for-healthcare-facilities/>



Hydrogen as an Energy Source

This brief is intended as a short introduction to hydrogen as an energy source. It will briefly discuss the various types of hydrogen and a variety of hydrogen use-cases that are nearing market readiness. Finally, this brief will discuss recent federal support for hydrogen through the Infrastructure Investment and Jobs Act of 2021 and the Inflation Reduction Act of 2022.

Key Takeaways

- Hydrogen is a versatile energy-carrying element that can be deployed to assist with a variety of energy sector goals.
- Historically, most commercial hydrogen has been produced through oil refining and other chemical production processes.¹
- Clean hydrogen -- produced from renewable energy, nuclear power, or fossil fuels with carbon capture technologies -- can allow for the decarbonization of a range of key sectors such as long-haul transportation, iron and steel production, and energy production.
- The Infrastructure Investment and Jobs Act of 2021 contains \$9.5 billion to support hydrogen across three programs administered by the U.S. Department of Energy (DOE).
- The Inflation Reduction Act of 2022 contains two major tax credit programs related to hydrogen production.

Executive Summary

Hydrogen is the simplest and most abundant element in the universe.² While highly combustible and energy-dense, hydrogen only naturally occurs on earth in compounds formed with other elements such as with oxygen to form water (H₂O) and carbon to form hydrocarbons. These hydrocarbons are found in fossil fuels among other resources. Although chemical and industrial uses for hydrogen have been broadly deployed for more than a century, recent market and government investment in hydrogen as an energy source has broadened interest in hydrogen production.³ Combusted hydrogen primarily emits water vapor, and hydrogen is viewed as a key method to reduce greenhouse gas emissions and store energy from more traditional energy sources like renewable energy, natural gas, and nuclear.

Hydrogen as an Energy Source

Report available at: <https://www.nga.org/publications/hydrogen-as-an-energy-source/>



Executive Authority During Energy Emergencies



A ROAD MAP FOR GOVERNORS

Executive Authority During Energy Emergencies

- Understand state and federal legal authorities
- Learn about key decision points
- Identify when to execute formal and informal actions
- Provide guidance on communication strategies

Report available at: <https://www.nga.org/center/publications/executive-authority-during-energy-emergencies/>



2023-24 Areas of Focus

GridEx VII Request for Applications

Released: Monday, July 31, 2023

Due to NGA: Friday, September 8, 2023

Bidders Calls:

- Wednesday, August 9, 2023
- Monday, August 14, 2023

Four Governor-designated teams will be selected for:

- Pre-exercise cohort calls
- Support during the GridEx VII exercise (November 14-15, 2023)
- Contribute to a state-focused after-action memo
- In-person state workshop in March 2023 in Washington, DC
- State-specific action plan and implementation support

GridEx VII is the largest grid security exercise in North America

Transmission Planning, Siting, and Permitting

2023 Governors' **Energy and Infrastructure Working Group**

Utah Governor Spencer Cox (co-chair)
Montana Governor Greg Gianforte
New Hampshire Governor Chris Sununu
North Dakota Governor Doug Burgum
Oklahoma Governor Kevin Stitt

Louisiana Governor John Bel Edwards (co-chair)
Illinois Governor JB Pritzker
Maine Governor Janet Mills
Puerto Rico Governor Pedro Pierluisi

Bipartisan Vision to Accelerate Project Delivery:

- Improve the NEPA process while protecting the integrity of reviews
- Prioritize state and territory permitting efforts
- Preserve environmental safeguards and community engagement

New [Energy and Infrastructure Permitting](#) Resources Page

Upcoming Resources

Written Products

- Guidance for Governors on *Advanced Grid Technologies* and *State Regulatory Approaches*
- Governor's guide to *nuclear energy policies* and regulations
- *Energy Crisis Communications* Playbook (with NASEO)
- Supporting *Cybersecurity Talent Pipelines* for Energy and Critical Infrastructure
- Ensuring the *security of distributed energy resources*

Convenings

- *Regional energy equity convenings* (with NASEO and NARUC), Midwest Roundtable held in June; Western Roundtable Sept. 21-22 in Denver, CO
- Six Governors' policy advisors participating in *2023 Legislative Energy Horizons Institute*
- In-person nuclear learning cohort, first convening fall 2023
- 2024 *Transmission Workshop* (tentative; timing and scope TBD)
- State participation in *GridEx VII*: Multistate Cohort

Thank You!

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National Association of State Energy Officials (NASEO)

Catherine Reed
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www.naseo.org/

About NASEO

- National non-profit association for the State Energy Offices from each of the 56 states and territories
- Resource for and about the State Energy Offices through topical committees, regional dialogues, and informational events that facilitate peer learning, best practice sharing, and consensus building
- Advances interests of the State and Territory Energy Offices before Congress and the Administration
- Learn more at www.naseo.org

NASEO Board of Directors

Chair: John Williams, New York

Vice-Chair: Molly Cripps, Tennessee

Treasurer: Eddy Trevino, Texas

Secretary: Will Toor, Colorado

Parliamentarian: Jason Lanclos, Louisiana

Member at Large: Michelle Gransee, Minnesota

Past Chair: Andrew McAllister, California

Regional Representatives:

Dan Burgess, Maine

Katie Dykes, Connecticut

David Althoff, Jr., Pennsylvania

Karen Lasure, West Virginia

Mitchell Simpson, Arkansas

Kenya Stump, Kentucky

Brian Selinger, Iowa

Julie Staveland, Michigan

Michael Furze, Washington

Richard Stover, Idaho

Maria Effertz, North Dakota

Lynn Retz, Kansas

Affiliates Co-Chairs:

Anne Smart, ChargePoint

Heather Reams, CRES

NASEO Programs and Priorities



Buildings



Electricity



Climate



Financing



Workforce



Resilience



Equity



Planning



Innovation



Transportation



Solar



Policy



Security

NASEO's Electricity Program

To connect NASEO members to the most-up-to-date tools, resources, ideas, funding opportunities, peer-to-peer sharing platforms, and experts to support the implementation of states' electricity sector goals and to enhance the voices of the State Energy Offices on electricity matters on the national level.

Resilience of the Electricity System	Transition to a Cleaner Electricity Sector	Grid Implications of Electrification	Equity and Economic Development	Represent State Energy Offices at Federal Level
<ul style="list-style-type: none">• Grid Resilience• Microgrids• DERs and Cybersecurity• Resilience Needs for Electrification• Climate and Other Hazards	<ul style="list-style-type: none">• New Technologies• Hydrogen• Offshore Wind• Energy Storage• Renewable Energy Grid Integration• CCUS• State Renewable Energy Goals	<ul style="list-style-type: none">• Distribution and Transmission Planning Needs• Grid Infrastructure Expansion• Education on Electricity Markets• Rate Design	<ul style="list-style-type: none">• Broadening of State Stakeholder Engagement• Workforce Needs & Requirements• Equity Considerations in Electricity Planning• DERs for LMI Communities	<ul style="list-style-type: none">• Engagement with Federal Agencies• Strategic Input into DOE Programs and Technical Assistance

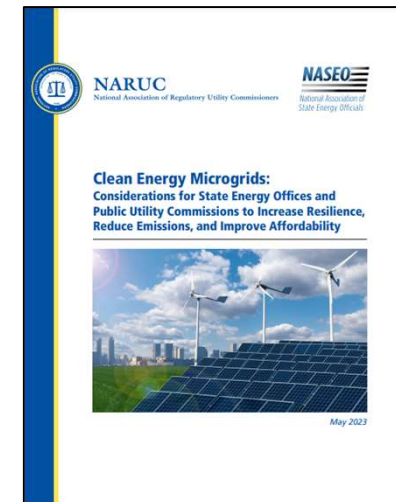
NASEO Activity Update

Events & Initiatives

- NASEO 2023 Regional Meetings
- NASEO-NARUC-NGA-NASUCA Midwest Equity Roundtable
- NASEO-NARUC Advanced Nuclear States Collaborative
- NASEO Carbon Management & Coal Conversion: Workshop + Site Visit
- Rural Energy Working Group
- Ongoing 40101d Support

Resources & Documents

- NASEO-NARUC Microgrid Framework
- NASEO-NARUC Clean Energy Microgrids



NASEO Upcoming Events & Publications

Events

NASEO-NARUC GEB Working Group Forum:

(1) ASHRAE Grid-interactive Buildings for Decarbonization: Design and Operation Resource Guide and (2) GridOptimal Findings and Experience
September 20, 2023, 3:00pm-4:30pm ET

NASEO-NARUC-NGA-NASUCA Western Regional Roundtable: Equity Considerations in Electricity Planning and Policy

September 21-22, 2023 - Denver, CO

NASEO-NARUC State Microgrid State Working Group – Microgrid Planning Workshop

(State and Territory Energy Office Only)
October 3-4, 2023 - Bethesda, MD

NASEO 2023 Annual Meeting

October 16-19, 2023 - Portland, OR

Distribution Planning and Resilience Trainings

DOE, NASEO, NARUC, LBNL
December/January/March – TBD

Publications

- Guide to Innovative Transmission Solutions for State Energy Offices (*forthcoming*)
- The Current and Future Role of State Energy Offices in Transmission Policy, Planning, and Development (*forthcoming*)
- State Energy Offices Engaging in Electric Distribution Planning to Meet State Policy Goals (*forthcoming*)

<https://www.naseo.org/events>

NASEO Staff and Contacts



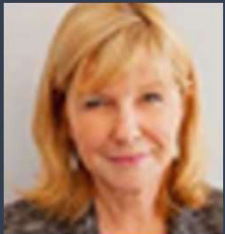
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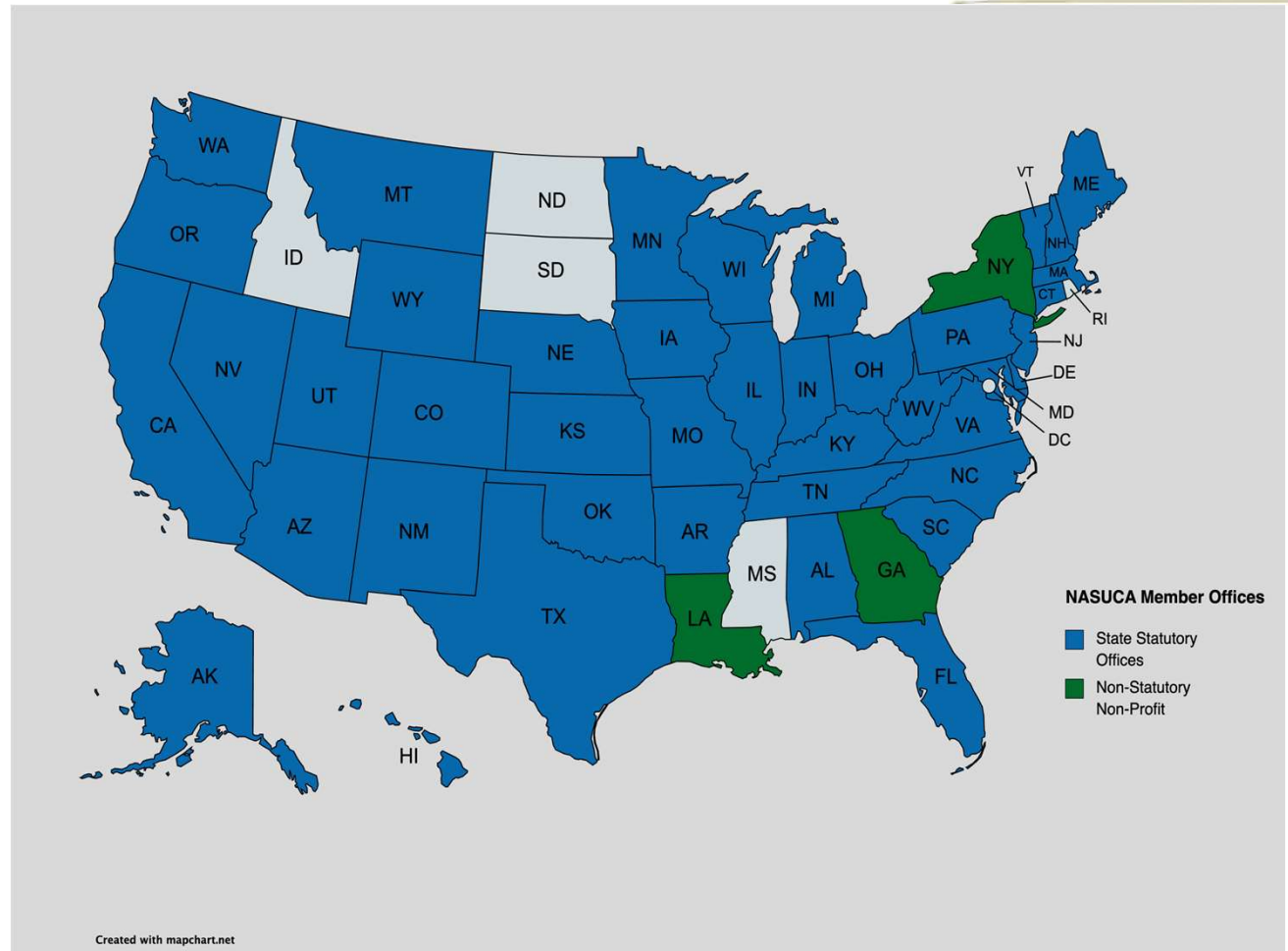
Who We Are



National Association of State Utility Consumer Advocates (NASUCA)

- Established in 1979
- Association of utility consumer advocates
 - 61 member offices in 45 states and the District of Columbia, Barbados, Puerto Rico, and Jamaica
- Designated by law to represent the interests of utility consumers
 - Operates independent of state regulatory commission
 - Representation before state and federal regulators
 - Right to appeal state regulatory decisions
- State Offices of the Attorney General
- Statutory organization with responsibility for statewide consumer interests
- Associate and Affiliate members – recognize non-statutory utility consumer advocates (California TURN, CUB's, AARP, NCLC, etc)

NASUCA Member Offices



NASUCA Resources



- **NASUCA Members**
 - <https://www.nasuca.org/members/>
- **NASUCA Policy Resolutions**
 - <https://www.nasuca.org/advocacy/resolutions/>
- **Regulatory Basics Courses – Free Training Webinars**
 - <https://www.nasuca.org/resources/regulatory-basics-courses/>
- **DOE/LBNL Grid Training**
 - <https://www.nasuca.org/resources/doe-lbnl-grid-training/>
- **Other NASUCA Webinars**
 - <https://www.nasuca.org/resources/webinars/>
- **Employment Opportunities**
 - <https://www.nasuca.org/resources/employment-opportunities/>

Recent DOE/LBNL Grid Training



NASUCA DOE/LBNL Grid Training Series - NASUCA Mid-Year Meeting – July 15, 2022

- Designing and Implementing Distributional Equity Analysis (DEA) for Energy Efficiency and DER Programs
Tim Woolf – Senior Vice President, Consulting, Synapse Energy Economics
- Considering Time-Sensitive and Peak Demand Value of Energy Efficiency When Shaping Program Incentives

Natalie Mims Frick – Lawrence Berkeley National Lab

Recordings and slides for all NASUCA DOE/LBNL Grid training sessions available at <https://www.nasuca.org/resources/doe-lbnl-grid-training/>

Spring and
Summer
2023
Upcoming

NASUCA DOE/LBNL Grid Training Series - Fall Webinar Series

- September 6 - Quantifying the Financial Impacts of Electric Vehicles on Utility Ratepayers and Shareholders (Andy Satchwell)
- September 7 - Snapshot of EV-Specific Rate Design (Peter Cappers)
- September 13 - Potential Bill Impacts of Dynamic Electric Pricing on California Electric Customers (Marius Stuebs)
- September 14 - Causes and Impacts of Grid Outages, Metrics for Measuring Resilience, and Valuing and Prioritizing Strategies (Peter Larsen)

Recordings and slides for all NASUCA DOE/LBNL Grid training sessions available at <https://www.nasuca.org/resources/doe-lbnl-grid-training/>

Fall and Winter 2023 Upcoming



NASUCA Association Conferences

- **2023 NASUCA Annual Meeting – November 5-8, 2023 - Charlotte, NC**
- **2024 NASUCA Mid-Year Meeting – June 9-12, 2024 – Location TBD**

Note – NASUCA is normally collocated with NARUC in November, but this year NASUCA will hold a separate meeting the week before NARUC – NASUCA will not be in Palm Springs though some NASUCA members will attend.

Contact

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National Association of Regulatory Utility Commissioners (NARUC)

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NARUC

National Association of Regulatory Utility Commissioners

NARUC Center for Partnerships & Innovation

August 30, 2023

Jeff Loiter

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www.naruc.org/cpi

NARUC

- The National Association of Regulatory Utility Commissioners (NARUC) is a non-profit organization founded in 1889.
- Our members are the state regulatory commissions in all 50 states, DC, and the territories. FERC & FCC Commissioners are also members.
- NARUC member agencies regulate electricity, natural gas, telecommunications, and water utilities.
- Mission: “to serve in the public interest by improving the quality and effectiveness of public utility regulation”



www.naruc.org/cpi

THE NARUC CENTER FOR PARTNERSHIPS & INNOVATION

- NARUC staff dedicated to providing technical assistance to members.
- CPI identifies emerging challenges and connects state commissions with expertise and strategies to inform their decision making.
- CPI builds relationships, develops resources, and delivers trainings.
- All CPI support is federally funded via cooperative agreements with U.S. Department of Energy and U.S. National Institute of Standards and Technology.

Newly updated CPI fact sheet with recent publications, upcoming events, new member working groups located under Quick Links at:
www.naruc.org/cpi
Or on the app: NARUC CPI Resources

NARUC Center for Partnerships & Innovation
Identifying emerging challenges and connecting state commissions with expertise and strategies to navigate their complex decision-making

The NARUC Center for Partnerships & Innovation (CPI) builds relationships, develops resources, and delivers training to assist state commissions contending with complex current and emerging issues. CPI is funded by cooperative agreements with the U.S. Department of Energy (DOE) and the U.S. Department of Commerce's National Institute of Standards and Technology (NIST). CPI works across five key areas:

Energy Generation	Energy Transmission	Energy Distribution	Energy Customers
<ul style="list-style-type: none"> Coal & Carbon Management* Nuclear Energy* Natural Gas* Hydrogen Off-Shore Wind Utility-Scale Renewables 	<ul style="list-style-type: none"> Transmission Infrastructure Transmission Distribution Coordination* Storage Comprehensive Electricity Planning 	<ul style="list-style-type: none"> Integrated Distribution Planning Grid Modernization Microgrids* Performance-Based Regulation* Virtual Power Plants 	<ul style="list-style-type: none"> DER Integration & Compensation* Demand Flexibility* Electric Vehicles* Stakeholder Engagement Energy Justice

Contact Kiera Zitzman *Contact Jeffrey Lohrer*

Critical Infrastructure Preparedness, Response, and Resilience

<ul style="list-style-type: none"> Cybersecurity for Utility Regulators* Energy Emergency Preparedness 	<ul style="list-style-type: none"> Integrated System Resilience* Defense Community Partnerships
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Contact Lynn Costantini

*Contact us to join a members-only group on this topic for regular learning and peer exchange opportunities.

[Sign up for the CPI Newsletter](#) for monthly updates about new resources and forthcoming events.

The NARUC CPI team looks forward to engaging with NARUC's members throughout the year—your needs drive our priorities and activities. Reach out at any time!

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NARUC CPI is hiring! Please contact us to learn more about exciting new opportunities.

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Recent Publications

- Demand Flexibility within a Performance-Based Regulatory Framework** (Feb 2023)
- State Energy Justice Roundtable Series: Customer Affordability and Ancillary Participation in Decision Making: Energy Justice Metrics** (Feb 2023)
- Mini Guide on PUCs and the Investment Community** (Feb 2023)
- Energy Resilience Reference Guide, Chapters 1 & 2** (Jan & Feb 2023)
- Potential State Regulatory Pathways to Facilitate Low-Carbon Fuels** (Dec 2022)
- Digitalization in Electric Power Systems and Regulation: A Primer** (Dec 2022)
- Interoperability for Electric Vehicle Charging: A Case Study** (Dec 2022)
- Electric Vehicle Interoperability: Considerations for Utility Regulators** (Nov 2022)
- Models for Incorporating Equity in Transportation Electrification** (Nov 2022)
- Mini Guide on Transportation Electrification** (Nov 2022)
- Grid Data Sharing: Brief Summary of Current State Practices** (Nov 2022)
- Regulator's Financial Toolbox Brief: Community Solar for LME Customers: Electrification: ADMS/DERMS** (Oct 2022)
- Defense Energy Resilience Resources Guide & JAO for Commissioners** (Oct 2022)
- Workforce Development Toolbox: Recruitment Templates and Social Media Engagement Materials** (Sept 2022)

Forthcoming Publications

- Black Sky Playbook
- Energy Resilience Reference Guide Chapter 3: Climate Resilience
- State Microgrid Policy, Programmatic, and Regulatory Framework
- Renewable Energy Microgrids
- Considerations of Advanced Nuclear in Resource Planning

Upcoming Virtual Learning Opportunities

- Modern DER Capabilities and Deployment, March 8:** Next in the virtual interconnection workshop series, NREL will address PUC questions on DER technical capabilities, deployment concerns, and benefits. *Contact Jeff*
- Resilience for Regulators Webinar Series, March 9:** Climate Informed Mitigation Strategies. Find [past presentations](#) on critical infrastructure resilience, climate resilience, defense energy resilience, and more. *Contact William*
- Monthly Innovation Webinars, March 16:** Advances in Resource Adequacy. [Register](#) / [past recordings](#). *Contact Jessica*
- On-Demand, Video-Based Learning Modules:** Dozens of training videos in English and Spanish on [electricity system planning](#), [distribution systems and planning](#), [smart grid and EV interoperability](#). *Contact Danielle*

Upcoming In Person Events Travel stipends available

- Cybersecurity Training, Indianapolis, IN, March 22-24:** Experts will provide content on cybersecurity topics through the lens of utility regulators with presentations, engaging activities, and more. (Commissioners and staff) *Contact Lynn*
- Nuclear Energy Partnership Pacific Northwest National Lab Site Visit, April 25-28:** Tour PNNL and NW nuclear sites. Advanced Nuclear State Collaborative kickoff workshop will also take place. (Commissioners and staff) *Contact Kiera*
- Natural Gas Partnership Site Visit, Savannah, GA, May 2023:** Tour the Elba Island liquefied natural gas export facility, Port of Savannah compressed natural gas fueling station, and more. (Commissioners only) *Contact Kiera*
- More Info Available Soon: Energy Justice Midwest Regional Workshop (early May), Grid Data Sharing Collaborative Demonstration Workshop (mid-May in Washington, DC), Resilience Planning Regional Workshops** *Contact Danielle*

Join a Member Working Group For Commissioners and Commission Staff

- Integrated Distribution System Planning, Topic:** for presentations by subject matter experts and commissions followed by questions and facilitated discussions among members. Six sessions: **Feb 27 – Jun 12**. *Contact Jeff*
- NARUC-NASD Advanced Nuclear State Collaborative:** Exchange questions, needs, and challenges relating to the planning and deployment of new advanced nuclear generation. *Contact Kiera*
- NARUC-NASD Microgrids State Working Group:** Explore capabilities, costs, benefits, and deployment strategies for microgrids with PUCs and State Energy Offices. *Contact Kiera*
- Electric Vehicles State Working Group:** Learn and discuss regulatory questions around transportation electrification, including charging infrastructure buildout, rate design, equity considerations, V2G, and more. *Contact Danielle*
- Performance-Based Regulation State Working Group:** Examine approaches to performance-based regulation and alternative rate-making across states in a collaborative peer group setting. *Contact Elliott*
- 12X Working Groups:** DOE/National Lab effort for commissions and stakeholders to identify grid interconnection challenges and discuss solutions. *Contact Jeff*
- Workforce Development Peer Advisory Group:** Supporting recruitment & retention for commissions. *Contact Hyleah*

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IN PARTNERSHIP WITH DOE, NIST, AND OUR MEMBERS, NARUC CPI WORK SPANS FIVE KEY TOPICAL AREAS

Energy Generation	Energy Transmission	Energy Distribution	Energy Customers
<ul style="list-style-type: none">• Coal & Carbon Management*• Nuclear Energy*• Natural Gas*• Hydrogen• Utility-Scale Renewables	<ul style="list-style-type: none">• Transmission Infrastructure• Bulk Power System Issues / Resource Adequacy• Storage• Comprehensive Electricity Planning	<ul style="list-style-type: none">• Integrated Distribution Planning*• Grid Modernization• DER Integration & Compensation*• Microgrids*• Performance-Based Regulation*	<ul style="list-style-type: none">• DER Interconnection• Demand Flexibility*• Virtual Power Plants• Electric Vehicles*• Stakeholder Engagement• Energy Justice• Affordability
Contact Kiera Zitelman		Contact Jeffrey Loiter	
Critical Infrastructure Preparedness, Response, and Resilience			
<ul style="list-style-type: none">• Cybersecurity for Utility Regulators*• Energy Emergency Preparedness		<ul style="list-style-type: none">• Integrated System Resilience*• Defense Community Partnerships	
Contact Lynn Costantini			



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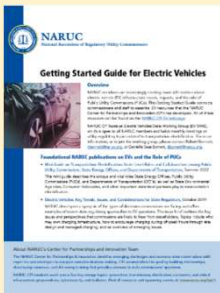
** NARUC CPI facilitates a working group or partnership for regular member learning and peer exchange opportunities on this topic.*

NARUC CPI Recent Publications

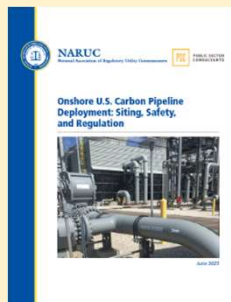
CPI publishes numerous reports on timely topics as informative resources for its members. Some recent publications include...

June & July 2023

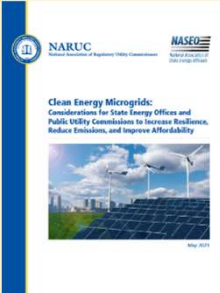
EV Getting Started Guide



Onshore U.S. Carbon



Clean Energy

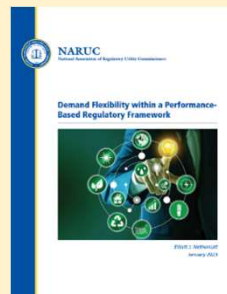


Feb. & March 2023

DER Aggregator Participation in Wholesale Markets



Demand Flexibility in PBR

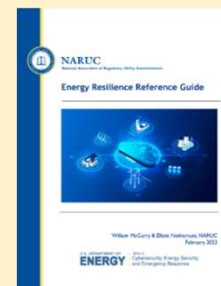


PUCs and the Investment Community



Jan. & Feb. 2023

Energy Resilience Reference Guide



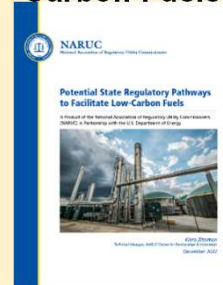
Energy Justice Series



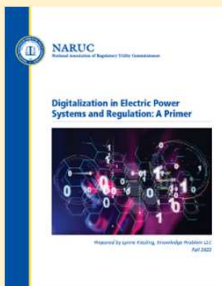
Metrics
Affordability and Arrangements
Participation in Decision Making

Dec. 2022

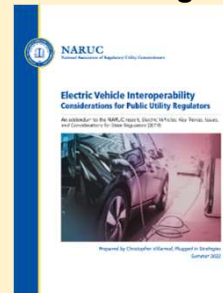
State Pathways to Facilitate Low-Carbon Fuels



Digitalizing in Electric Power Systems & Regulation



Interoperability for EV Charging



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NARUC CPI Webinars

Every year, NARUC CPI hosts dozens of webinars to encourage information sharing and peer-discussion. Some recent webinars include:

Recent Monthly Innovation Webinars

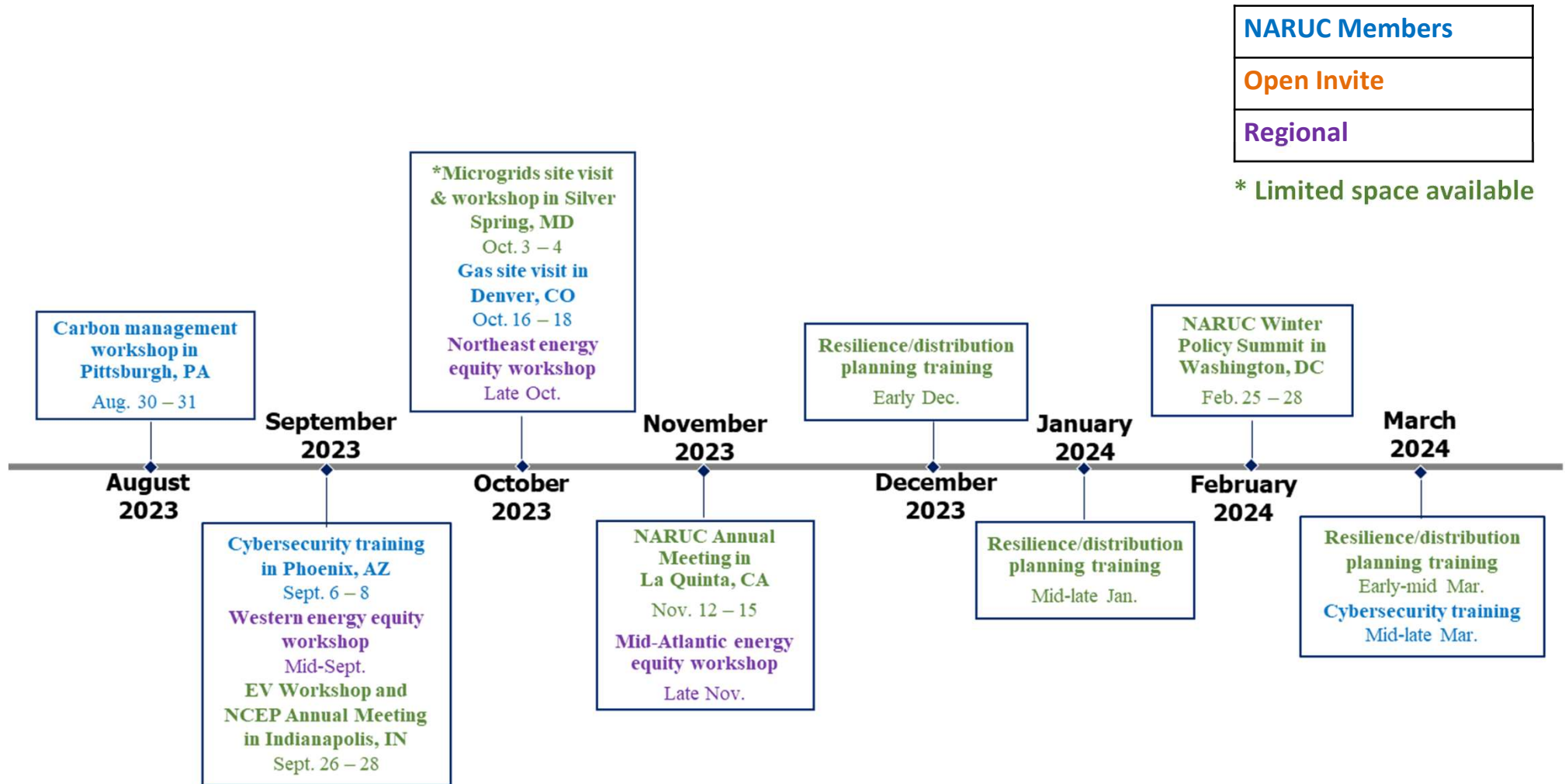
- Improving Community Solar Economics with Program Design – *July 2023*
- Incorporating AI into Resilience-Informed Utility System Planning – *June 2023*
- Industrial Electrification: Implications for State Utility Regulators – *May 2023*
- Storage as a Transmission Asset – *May 2023*
- Recent Market Design Enhancements to Address Evolving Resource Adequacy Needs – *March 2023*

Recent Partnership & Working Group Webinars

- EV State Working Group: MD/HD Vehicles – *August 2023*
- GEB Working Group Forum, Real Reliability: The Value of Virtual Power – *June 2023*
- Briefing on Pathways to Commercial Liftoff: Advanced Nuclear Report – *June 2023*
- ESIG-NARUC Training Series on Bulk Power System Issues – *May & June 2023*
- Regulators' Roundtable on Federal Funding Opportunities for Electric Utilities – *April & May 2023*



NARUC HOSTED 2023 - 2024 EVENTS



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NARUC CPI STAFF

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We're here to help with direct assistance, resources, or connections to experts

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Q&A



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All resources

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To be placed on the listserv